

SEQUENCE LISTING

110 ASAHI KASEI KABUSHIKI KAISHA

120 Method of controlling secretion of granules

130 ASAHI-3

150 JP10-274574

151 1998-9-29

160

210

211 282

212 DNA

213 human

300

301 Karel Odink et al.

302 Two calcium-binding proteins in infiltrate macrophages
of rheumatoid arthritis

303 Nature

304 330

305 5

306 80-82

307 November 1987

400

atg ttg acc gag ctg gag aaa gcc ttg aac tct atc atc gac gtc tac 48

Met Leu Thr Glu Leu Glu Lys Ala Leu Asn Ser Ile Ile Asp Val Tyr

1

5

10

15

cac aag tac tcc ctg ata aag ggg aat ttc cat gcc gtc tac agg gat 96

His Lys Tyr Ser Leu Ile Lys Gly Asn Phe His Ala Val Tyr Arg Asp

20

25

30

gac ctg aag aaa ttg cta gag acc gag tgt cct cag tat atc agg aaa 144

Asp Leu Lys Lys Leu Leu Glu Thr Glu Cys Pro Gln Tyr Ile Arg Lys

35

40

45

aag ggt gca gac gtc tgg ttc aaa gag ttg gat atc aac act gat ggt 192

Lys Gly Ala Asp Val Trp Phe Lys Glu Leu Asp Ile Asn Thr Asp Gly

50

55

60

gca gtt aac ttc cag gag ttc ctc att ctg gtg ata aag atg ggc gtg 240

Ala Val Asn Phe Gln Glu Phe Leu Ile Leu Val Ile Lys Met Gly Val

65

70

75

80

gca gcc cac aaa aaa agc cat gaa gaa agc cac aaa gag tag 282

Ala Ala His Lys Lys Ser His Glu Glu Ser His Lys Glu

85

90

210

211 345

212 DNA

213 human

300

301 Karel Odink et al.

302 Two calcium-binding proteins in infiltrate macrophages
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304 330

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400

atg act tgc aaa atg tcg cag ctg gaa cgc aac ata gag acc atc atc 48

Met Thr Cys Lys Met Ser Gln Leu Glu Arg Asn Ile Glu Thr Ile Ile

1

5

10

15

aac acc ttc cac caa tac tct gtg aag ctg ggg cac cca gac acc ctg 96

Asn Thr Phe His Gln Tyr Ser Val Lys Leu Gly His Pro Asp Thr Leu

20

25

30

aac cag ggg gaa ttc aaa gag ctg gtg cga aaa gat ctg caa aat ttt 144

Asn Gln Gly Glu Phe Lys Glu Leu Val Arg Lys Asp Leu Gln Asn Phe

35

40

45

ctc aag aag gag aat aag aat gaa aag gtc ata gaa cac atc atg gag 192

Leu Lys Lys Glu Asn Lys Asn Glu Lys Val Ile Glu His Ile Met Glu

50

55

60

gac ctg gac aca aat gca gac aag cag ctg agc ttc gag gag ttc atc 240

Asp Leu Asp Thr Asn Ala Asp Lys Gln Leu Ser Phe Glu Glu Phe Ile

65

70

75

80

atg ctg atg gcg agg cta acc tgg gcc tcc cac gag aag atg cac gag 288

Met Leu Met Ala Arg Leu Thr Trp Ala Ser His Glu Lys Met His Glu

85

90

95

ggt gac gag ggc cct ggc cac cac cat aag cca ggc ctc ggg gag ggc 336

Gly Asp Glu Gly Pro Gly His His His Lys Pro Gly Leu Gly Glu Gly

100

105

110

acc ccc taa

345

Thr Pro